

Abstract of the Disclosure

On the part of a designer, a super class having a code name generally indicating classes in
5 a class group having a structured knowledge structure, is generated. By referring to the super class, the relationship in the class group can be inferred and associated by multivalued logic. If possible, a new class is generated by the inference
10 using multivalued logic. On the part of a user, in addition to a class group indicating the knowledge structure generated on the part of the designer and the relationship among them, an inference is uniquely made by multivalued logic, the
15 relationship among the class group is restructured, and a knowledge structure described as the relationship between classes is used.